

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 04057

SHEET 1 OF 1

DWG NO. 649.5300

REV: B

PREPARED
BY

D. PETERS

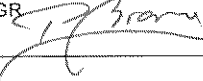
DATE: 08/13/13

EFFECT ON DWG
☒ INC. ☐ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

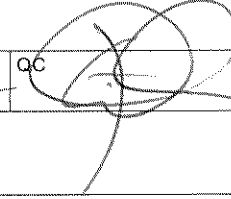
ENGR



MFG



QC



EFF:

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: MARKED INSPECTION DIMENSIONS

ECR:

NONE

Superceded

DOCUMENTS EFFECTED: ☐ RFMS ☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ BOM

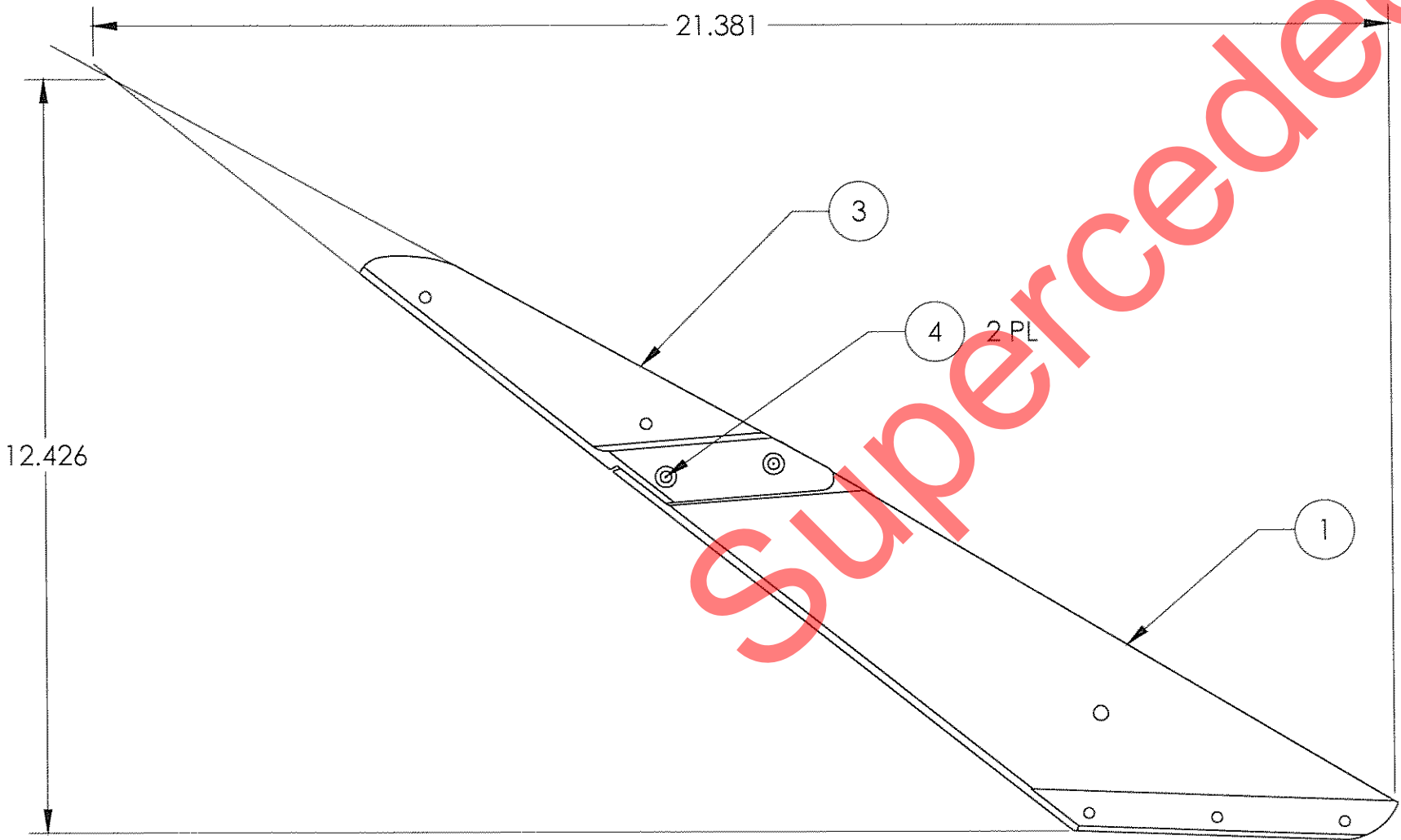
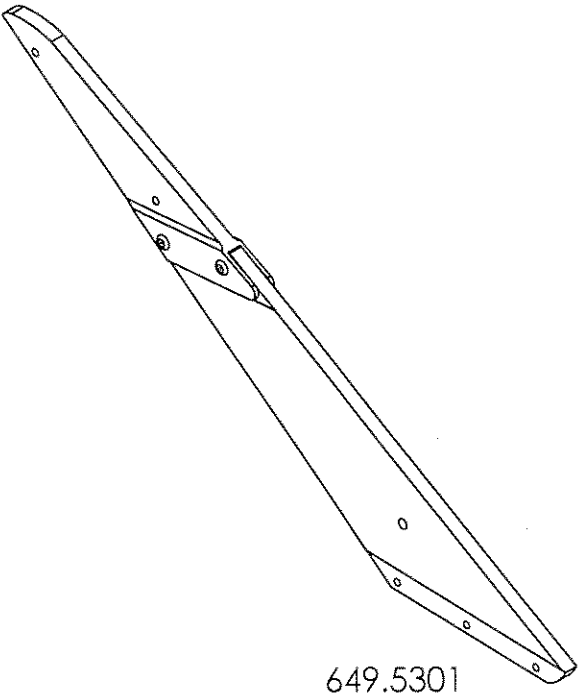
CHANGE CATEGORY
☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED
☐ YES ☒ NO

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- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- 2 FINISH: HARD ANODIZE IAAQ MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRE TREAT PRC-DESOTO PR-148 ADHESION PROMOTER; PRIMER IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- 3 DEBURR AND BREAK ALL SHARP EDGES
- 4 IDENTIFY IAW MPP-120
- 5 APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 & 3 UPON ASSY

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR1		N/A
N/C	INITIAL RELEASE	12/06/11	P. BRAVO
A	INCORPORATED ECN'S 03413, 03421 AND 03486	04/16/12	P. BRAVO
B	INCORPORATED ECN 03523	05/23/12	P. BRAVO
C	INCORPORATED ECN 04057	08/13/13	P. BRAVO

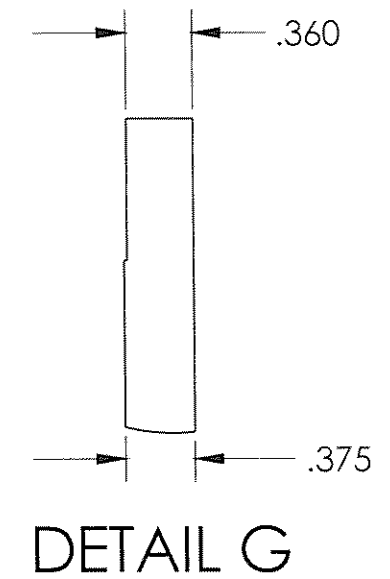
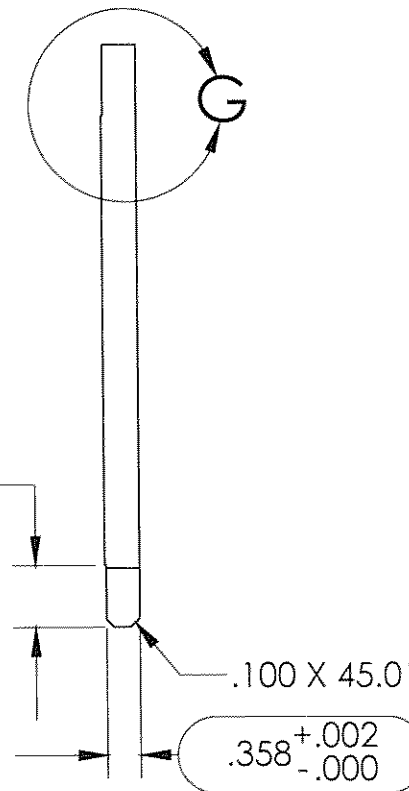
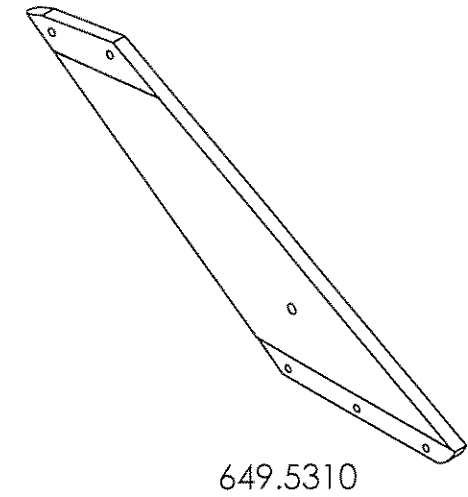
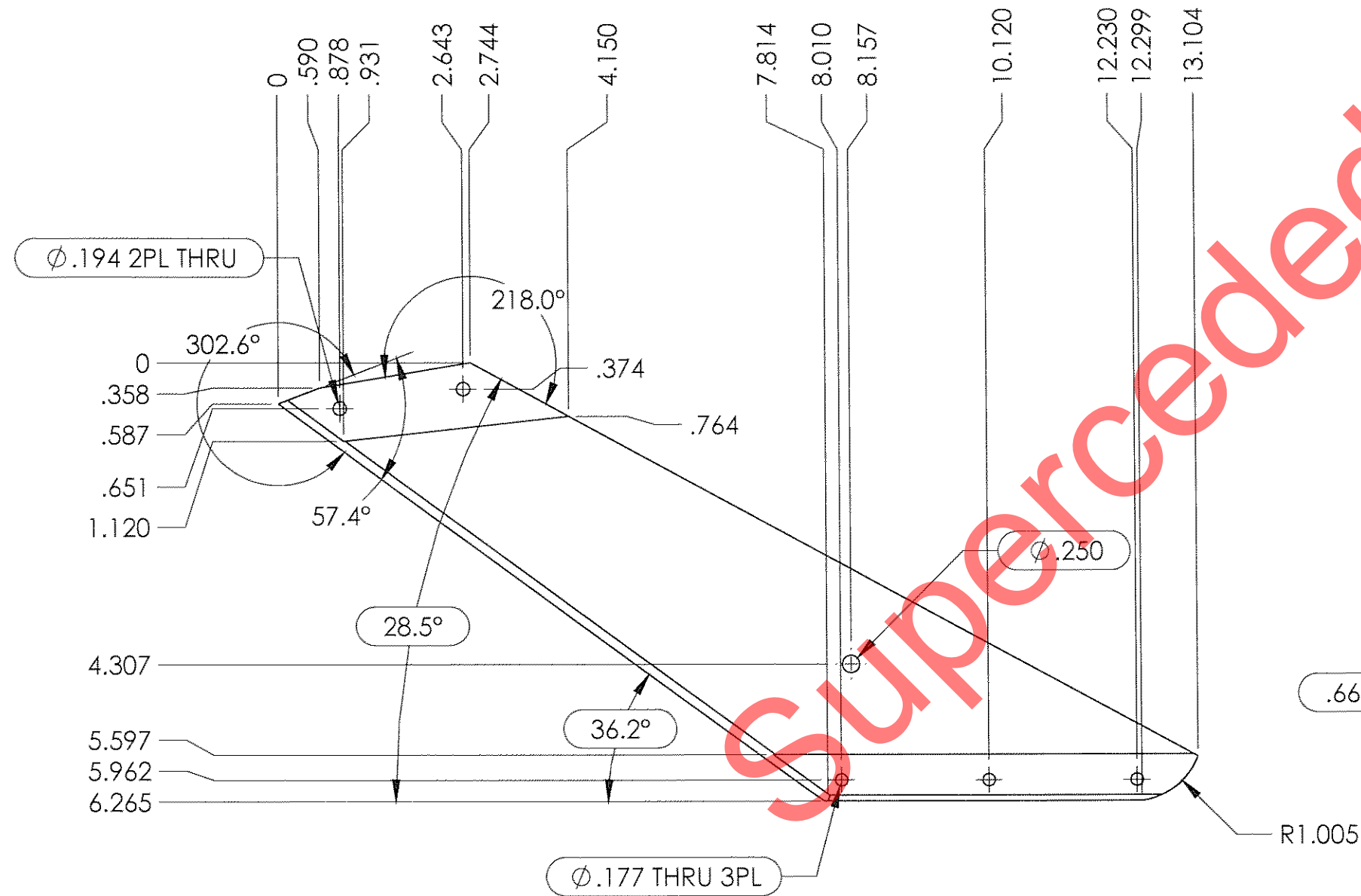


A/R	5	601.2045	RTV, LOCTITE 598		5
2	4	601.3074	RIVET	MS20470AD6-12	
1	3	649.5312	BREAKAWAY TIP		1 2
	2	649.5311	UPPER DEFLECTOR		1 2
1	1	649.5310	LOWER DEFLECTOR		1 2
		649.5301	LOWER DEFLECTOR ASSY		
.5301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR)		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 DEFLECTORS	
649.4900		DRAWN BY	CHECKER		
		A. QUAN	P. BRAVO		
		DRAWING APPROVAL			
		P. BRAVO		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	
		CONTRACT No.			
		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.5300	C
		SCALE NONE			SHEET 1 OF 4

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A
B
C
D

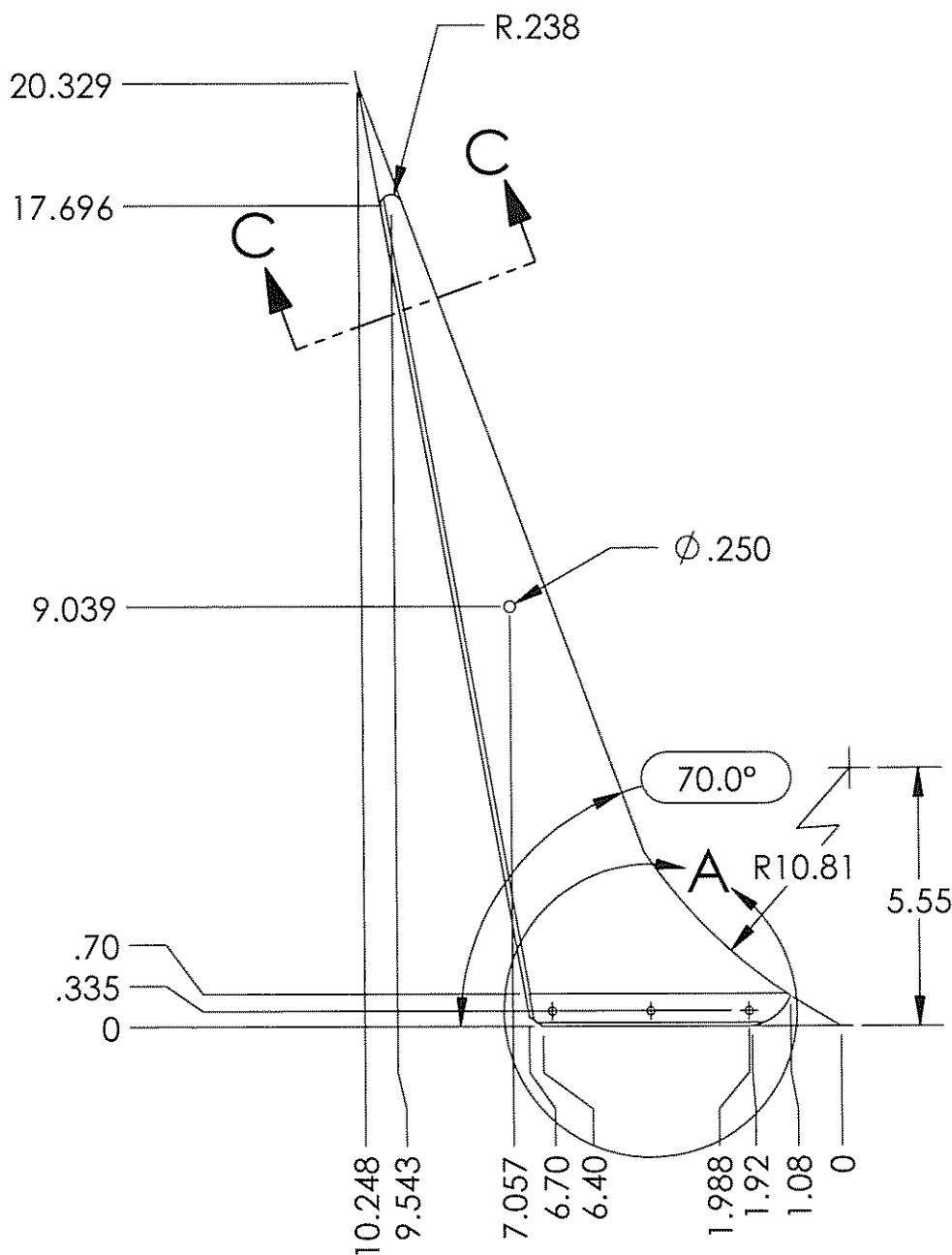


ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES	
DRAWN BY A. GUAN	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT NO.		SIZE B	REV. C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 649.5300
		SCALE NONE	SHEET 2 OF 4

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.13 X 45° 2PL

SECTION C-C



Ø.177 THRU 3 PL

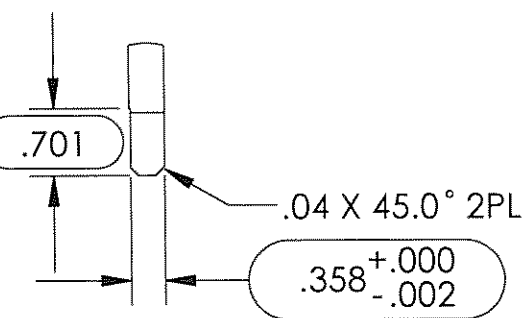
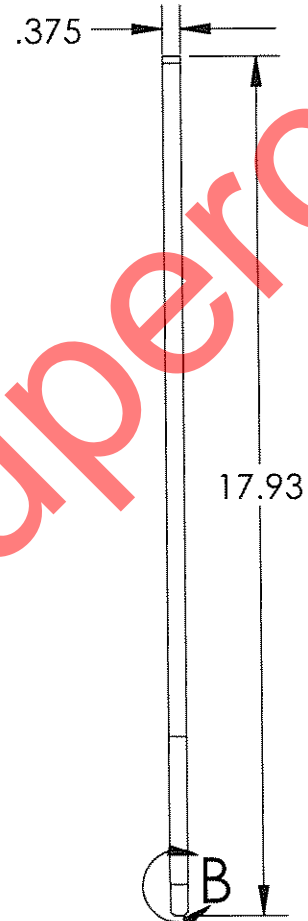
.30 X 23.0°

R1.100

2.109±.002

4.219±.002

DETAIL A



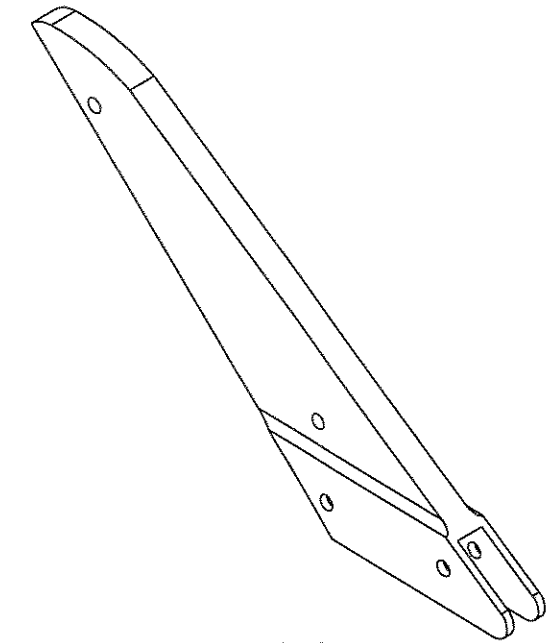
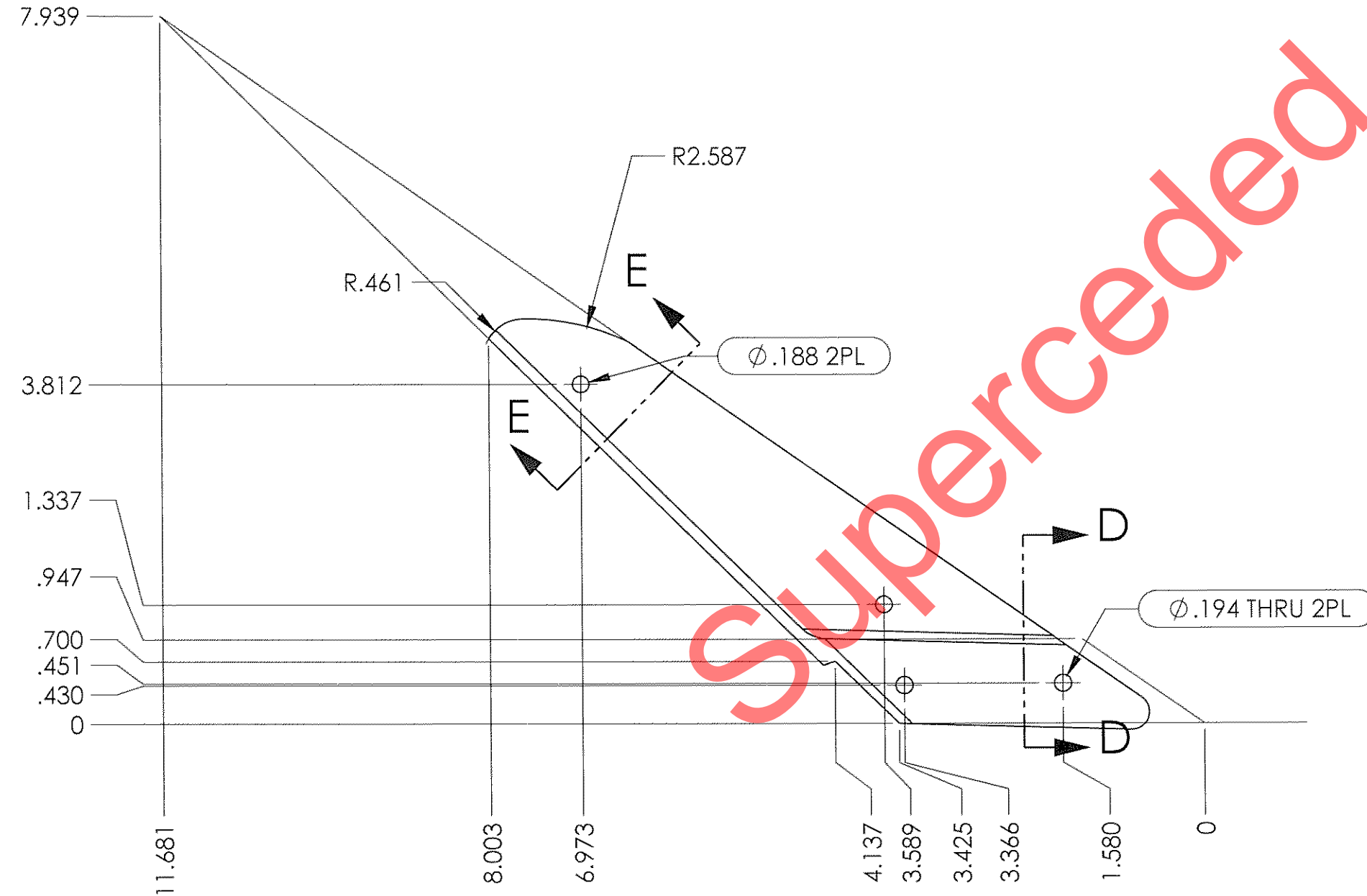
DETAIL B

649.5311

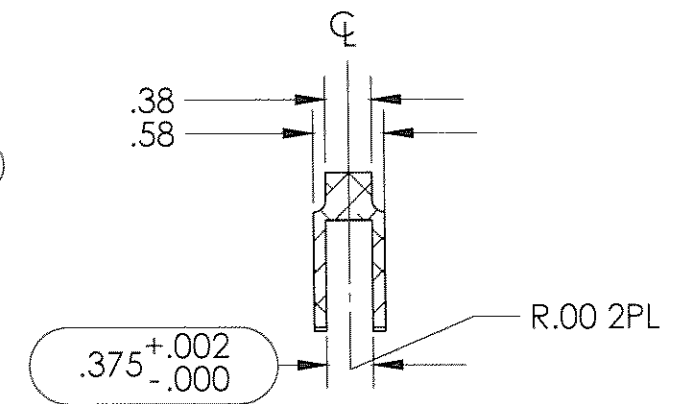
ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	REV. C
		CAGE CODE 07MZ6	DWG. NO. 649.5300
		SCALE NONE	SHEET 3 OF 4

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.13 X 45.0° 2PL
SECTION E-E



649.5312



SECTION D-D

ORIGINAL DATE (MO-DA-YR) 12-06-11		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 12-06-11		DEFLECTORS	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .03$ 3 PLACE DECIMALS $\pm .010$ ANGLES $\pm .5^\circ$		SIZE B	REV. C
		CAGE CODE 07MZ6	DWG. NO. 649.5300
		SCALE NONE	SHEET 4 OF 4